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# APC Silcon 80kW 208V UPS

APC Silcon, 80000VA/80000W, Input 208V 3PH/Output 120V, 208V, 208V 3PH, Interface Port DB-25 RS-232, SmartSlot, Extended runtime model

Includes: Parallel Card, Triple Chassis for 3 SmartSlots, User Manual, Web/SNMP Management Card

Part Number : **SL80KF**

Configure Now

- Compare Models
- Runtime Chart
- Email Technical Specifications
- Printer Friendly

**Additional Information**

Product Overview
User Manual & Installation Guides
Submittal Drawings
Product Distribution

[+] More Images

## Technical Specifications

### Output

| | |
|---|---|
| Output Power Capacity | 80000 Watts / 80000 VA |
| Max Configurable Power | 80000 Watts / 80000 VA |
| Nominal Output Voltage | 120V,208V,208V 3PH |
| Output Voltage Note | Configurable for 200 : 208 or 220V 3 Phase nominal output voltage |
| Output Voltage Distortion | Less than 3% |
| Output Frequency (sync to mains) | 50 Hz - programmable +/- 0.5 / 1 / 2 / 4 / 6 / 8%,60 Hz - programmable +/- 0.5 / 1 / 2 / 4 / 6 / 8% |
| Crest Factor | Unlimited |
| Waveform Type | Sine wave |
| Output Connections | (1) Hard Wire 5-wire (3PH + N + G) |

### Input

| | |
|---|---|
| Bypass | Built-in Static Bypass |
| Nominal Input Voltage | 208V 3PH |
| Input Frequency | 50 Hz - programmable +/- 0.5 / 1 / 2 / 4 / 6 / 8%,60 Hz - programmable +/- 0.5 / 1 / 2 / 4 / 6 / 8% |
| Input Connections | Hard Wire 5-wire (3PH + N + G) |
| Input voltage range for main operations | 170 - 230 (200V),177 - 239 (208V),187 - 242 (220V)V |

**Options:**

- Batteries
- Interface Connections
- Management Devices
- Services
- Software

**General Features:**

- 200% overload capability
- Audible alarms
- Automatic internal bypass
- Automatic self-test
- Fully-rated power kVA equals kW
- Generator compatible
- Input power factor correction
- Intelligent battery management
- LCD display
- Locking cabinet
- Manageable external batteries
- Network manageable
- Parallel-capacity capable
- Parallel-redundant capable
- Safety-agency approved
- SmartSlot
- Temperature-compensated battery charging

more details....

**Topology:** Delta Conversion On-Line

## Batteries & Runtime

| | |
|---|---|
| Battery Type | No internal battery - uses external battery system |
| Replacement battery cartridge note | If longer runtimes are needed,please contact APC at 800-800-4272. |
| Runtime Chart | Silcon |
| Extended Run Options | APC Silcon 80kW 208V UPS |

## Communications & Management

| | |
|---|---|
| Interface Port(s) | DB-25 RS-232,SmartSlot |
| Available SmartSlot™ Interface Quantity | 2 |
| Pre-Installed SmartSlot™ Cards | AP9617 |
| Control panel | Multi-function LCD status and control console |
| Audible Alarm | Beep for each 52 alarm conditions |
| Emergency Power Off (EPO) | Yes |

## Physical

| | |
|---|---|
| Maximum Height | 59.06 inches (1500 mm) |
| Maximum Width | 39.37 inches (1000 mm) |
| Maximum depth | 31.50 inches (800 mm) |
| Net Weight | 1215.00 lbs. (552.27 kg) |
| Shipping Weight | 1265.00 lbs. (575.00 kg) |
| Shipping Height | 66.93 inches (1700 mm) |
| Shipping Width | 43.31 inches (1100 mm) |
| Shipping Depth | 35.43 inches (900 mm) |
| Color | Dark green (NCS 7020 B50G),Light grey (NCS 2703-G84Y) |
| Units per Pallet | 1.00 |

## Environmental

| | |
|---|---|
| Operating Environment | 0 - 40 °C (32 - 104 °F) |
| Operating Relative Humidity | 0 - 95% |
| Operating Elevation | 0-3333 feet (0-999.9 meters) |
| Storage Temperature | -50 - 40 °C (-58 - 104 °F) |
| Storage Relative Humidity | 0 - 95% |
| Storage Elevation | 0-50000 feet (0-15000 meters) |
| Online Thermal Dissipation | 13989 BTU/hr |
| Protection Class | NEMA 1 with NEMA 12 optional |

## Conformance

| | |
|---|---|
| Regulatory Approvals | FCC Part 15 Class A,ISO 9001,ISO 14001,UL 1778,UL Listed,cUL Listed |
| Standard Warranty | 1 year repair or replace,optional on-site warranties available,optional extended warranties available |

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